

PATENT  
450117-03372

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Gabriele NELLES et al.  
Filed: Filed Concurrently Herewith  
Title of Invention: HOLE TRANSPORTING AGENTS AND  
PHOTOELECTRIC CONVERSION DEVICE  
COMPRISING THE SAME

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INFORMATION DISCLOSURE STATEMENT

Assistant Commissioner for Patents  
Box PATENT APPLICATION  
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Sir:

Enclosed are copies of references which were cited in  
the search report of November 2, 2000 from the European Patent  
Office in connection with the corresponding European patent  
application. Also enclosed is a copy of Form PTO-1449. Entry of  
this Information Disclosure Statement and an early examination on  
the merits are respectfully solicited.

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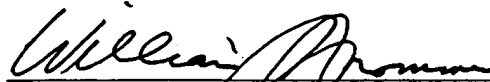
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Respectfully submitted,

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Based on Form PTO-1449 (3/90)	ATTY. DOCKET NO. 450117-03372	SERIAL NO. Filed Concurrently Herewith
	APPLICANT Gabriele NELLES et al.	
	FILING DATE Filed Concurrently Herewith	GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AL	EP 0 901 175	03/10/99	Europe			
	AM	EP 0 611 148	08/17/94	Europe			
	AN						

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AM	HAGEN ET AL: "NOVEL HYBRID SOLAR CELLS CONSISTING OF INORGANIC NANOPARTICLES AND AN ORGANIC HOLE TRANSPORT MATERIAL" SYNTHETIC METALS, CH, LAUSANNE, vol. 89, September 1997, pages 215-220, XP002108277
AN	BACH U ET AL: "SOLID-STATE DYE-SENSITIZED MESOPOROUS TiO2 SOLAR CELLS WITH HIGH PHOTON-TO-ELECTRON CONVERSION EFFICIENCIES" NATURE, GB, MACMILLAN JOURNALS LTD. LONDON, vol. 395, 8 October 1998, pages 583-585, XP000783901
AO	THELAKKAT M ET AL: "SYNTHESIS AND PROPERTIES OF NOVEL HOLE TRANSPORT MATERIALS FOR ELECTROLUMINESCENT DEVICES "MACROMOLECULAR SYMPOSIA, DE, WILEY VCH, WEINHEIM, vol. 125, 1998, pages 157-164, XP000738958
AP	THELAKKAT M ET AL: "SYNTHESIS AND PROPERTIES OF NOVEL DERIVATIVES OF 1, 3, 5-TRIS (DIARYLAMINO) BENZENES FOR ELECTROLUMINESCENT DEVICES" ADVANCED MATERIALS, VCH VERLAGSGESELLSCHAFT, WEINHEIM, DE, vol. 10, no. 3, 11 February 1998, pages 219-223, XP000732696

EXAMINER	DATE CONSIDERED
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\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.